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**TRANSMITTAL LETTER**  
**(General - Patent Issued)**

Docket No.

Patentee(s): Kobayashi et al.



U.S. Patent No.

6,908,166 B2

Issue Date

6-21-05

INKJET RECORDING DEVICE WITH INK REFRESH FUNCTION

COMMISSIONER FOR PATENTS:

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- 1 request for issuance of certificate of correction  
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 2 certificates of correction

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Dated: 7-1-05

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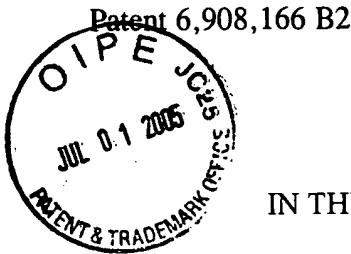
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I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to "Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450" [37 CFR 1.8(a)] on

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Signature of Person Mailing Correspondence

Typed or Printed Name of Person Mailing Correspondence



Patent 6,908,166 B2

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re U. S. Patent 6,908,166 B2

Date of Issue: June 21, 2005

Inventor: Kobayashi et al.

**Title: INKJET RECORDING DEVICE WITH INK REFRESH  
FUNCTION**

Commissioner for Patents  
PO Box 1450  
Alexandria, Virginia 22313-1450

**REQUEST FOR ISSUANCE OF CERTIFICATE OF CORRECTION IN  
ACCORDANCE WITH 37 C.F.R. §1.322**

Sir:

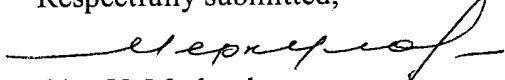
Applicant hereby requests the issuance of a certificate of correction which will correct a typographical error made in the part of the Office. Specifically, in column 10, line 38, the misprint “-15kV” should read as “-1.5kV”. This mistake had been made by the Office in the Published Publication for this patent.

Applicant contacted to the Examiner Mouttet on March 24, 2005, prior of issuance of the patent, pointing out this inaccuracy. However, the Examiner stated that usually during print of a patent an original specification is used and since the original disclosure is correct, there is no chance that this mistake will show up in the printed patent. A marked up copy of page 26 of the originally filed application is provided as a proof that this mistake is made by the Office.

Applicant submits that this correction is necessary in order to provide technically proper description of the Applicant’s invention. Since this mistake has

been made in the part of the Office, Applicant believes that no fee is due. After all, if the Office finds that any fees are due please charge fees to Attorney's Deposit Account No. 50-2041 (Whitham, Curtis & Christofferson, P.C.).

Respectfully submitted,

  
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short time period centered on a timing T1. The timing T1 is after a duration of time  $ts_1$  of 50 to 80 microseconds elapses after the rising edge of the refresh drive signal 904, which was generated based on the refresh signal 121.

5 The common electric field signal 113 is maintained at the negative voltage for a period of about 10 microseconds that centers on the timing T1. Then, the common electric field signal 113 is switched to a positive voltage of fixed value until a timing T2, which is a duration of time  $ts_2$  after timing T1. Starting after the timing T2, the voltage value of the common electric field signal 113 is gradually decreased until it reaches a voltage value of 0V at timing T3. The timing T3 is a duration of time  $ts_3$  after the rising edge of the analog drive signal 406 that is synchronized with the sheet-position synchronization signal 109-5. As a result, the voltage at the sheet back electrode 805 is maintained at a negative voltage  $V_{cm}$  of -1.5kV for the first 10 microseconds after the common electric field signal 113 is switched to a negative voltage, is then

10 maintained at a positive voltage  $V_{cp}$  of 1.5kV until the timing T2, and then gradually reduced to a voltage value of 0V at timing T3. It should be noted that the negative voltage  $V_{cm}$  is not limited to -1.5kV, but could be any value from -1.0kV to -1.5kV. Similarly, the positive voltage  $V_{cp}$

15 is not limited to 1.5kV, but could be any value from 1.0kV

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**UNITED STATES PATENT AND TRADEMARK OFFICE**  
**CERTIFICATE OF CORRECTION**

PATENT NO : **6,908,166 B2**

DATED : **June 21, 2005**

INVENTOR(S) : **Kobayashi et al.**

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In column 10, line 38, please replace "-15 kV" with "-1.5 kV".

MAILING ADDRESS OF SENDER:

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PATENT NO. **6,908,166 B2**

No. of additional copies



**JUL 07 2005**

# UNITED STATES PATENT AND TRADEMARK OFFICE

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